

Serial No.: 10/727,459

Confirmation No.: 7102

Filed: 3 December 2003

For: ADJUSTABLE SHELVING SYSTEM

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the above-identified application:

Listing of Claims

1.-9. (Cancelled)

10. **(New)** An adjustable shelving system comprising:

a side rail comprising at least one orifice extending through the side rail from a first side surface thereof to a second side surface thereof;

a support arm extending between a first end and a second end, wherein the second end is attachable to the side rail;

a locking bracket at the second end of the support arm comprising at least one inner surface configured to wrap around at least a portion of the side rail when the support arm is attached to the side rail; and

a pin extending from the at least one inner surface of the locking bracket orthogonal to the support arm, wherein the pin is sized as a function of the at least one orifice such that it extends through the first side surface and second side surface of the side rail when the support arm is attached to the side rail.

11. **(New)** The adjustable shelving system according to claim 10, wherein the locking bracket maintains the pin through the first side surface and second side surface of the side rail when the support arm is attached to the side rail.

12. **(New)** The adjustable shelving system according to claim 10, wherein the pin extending from the at least one inner surface terminates at a cap portion with a neck portion adjacent the cap portion, wherein the neck portion has a smaller cross-section than the cap portion.

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13. (New) The adjustable shelving system according to claim 10, wherein the side rail is tubular.

14. (New) The adjustable shelving system according to claim 10, wherein the side rail has a square cross-section.

15. (New) The adjustable shelving system according to claim 10, wherein the pin is located a distance away from the support arm and in a plane parallel thereto.

16. (New) The adjustable shelving system according to claim 10, wherein the at least one inner surface of the locking bracket comprises:

a first inner surface from which the pin extends; and

a second inner surface parallel to the first inner surface.

17. (New) The adjustable shelving system according to claim 10, wherein an edge of the second inner surface is angled, such that when the support arm is attached to the side rail, a user may lift up on the first end of the support arm to allow release of the pin from the orifice of the side rail.

18. (New) The adjustable shelving system according to claim 10, wherein the adjustable shelving system further comprises at least one additional side rail, at least one additional support arm, and at least one shelf supported by the support arms.

19. (New) An adjustable shelving system comprising:

a side rail having four sides, wherein the side rail comprises at least one orifice extending through the side rail from a first side surface of the four sides to a second side surface of the four sides, and wherein the first side surface is opposite the second side surface;

a support arm, wherein the support arm extends between a first end and a second end,

wherein the second end is attachable to the side rail;

a J-shaped bracket at the second end of the support arm comprising at least one inner surface configured to wrap around at least a portion of three sides of the side rail when the support arm is attached to the side rail, wherein the inner surface comprises a first inner surface, a second inner surface extending orthogonally from the first inner surface, and a third inner surface extending orthogonally from the second inner surface and parallel to the first inner surface; and

a pin extending from the first inner surface of the J-shaped bracket orthogonal to the support arm, wherein the pin is sized as a function of the at least one orifice such that it extends through the first side surface and second side surface of the side rail when the support arm is attached to the side rail.

20. (New) The adjustable shelving system according to claim 19, wherein the J-shaped bracket maintains the pin through the first side surface and second side surface of the side rail when the support arm is attached to the side rail.

21. (New) The adjustable shelving system according to claim 19, wherein the pin extending from the first inner surface terminates at a cap portion with a neck portion adjacent the cap portion, wherein the neck portion has a smaller cross-section than the cap portion.

22. (New) The adjustable shelving system according to claim 19, wherein the pin is located a distance away from the support arm and in a plane parallel thereto.

23. (New) The adjustable shelving system according to claim 19, wherein the adjustable shelving system further comprises at least one additional side rail, at least one additional support arm, and at least one shelf supported by the support arms.

24 (New) An adjustable shelving system comprising:

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a first side rail and a second side rail, wherein each side rail comprises at least one orifice extending through each side rail from a first side surface thereof to a second side surface thereof;

a first support arm and a second support arm, wherein each support arm extends between a first end and a second end, wherein the second end is attachable to either the first or the second side rail;

a locking bracket at the second end of each of the first and second support arms comprising at least one inner surface configured to wrap around at least a portion of the side rail when the support arm is attached to the side rail;

a pin extending from the at least one inner surface of each of the locking brackets orthogonal to the support arm, wherein the pin is sized as a function of the at least one orifice such that it extends through the first side surface and second side surface of the side rail when the support arm is attached to the side rail; and

at least one shelf supported by the first and second support arm.

25. (New) The adjustable shelving system according to claim 24, wherein the pin extending from the at least one inner surface of the first support arm terminates at a cap portion with a neck portion adjacent the cap portion, wherein the neck portion has a smaller cross-section than the cap portion.

26. (New) The adjustable shelving system according to claim 24, wherein the pin of the first support arm is longer than the pin of the second support arm.

27. (New) The adjustable shelving system according to claim 24, wherein the pin of the first support arm and the pin of the second support arm have the same axis when the at least one shelf is supported thereby.

28. (New) The adjustable shelving system according to claim 24, wherein the locking bracket maintains the pin through the first side surface and second side surface of the side rail when the

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support arm is attached to the side rail.

29. (New) The adjustable shelving system according to claim 24, wherein each pin is located a distance away from the first and second support arms and in a plane parallel thereto.